

REMARKS

Favorable reconsideration of this Application as presented herein is requested. Claims 1, 3-13 and 15-20 are pending in this application. Applicants have amended claim 1. Upon entry of this Response, claims 1, 3-13 and 15-20 are pending in this Application. Applicants maintain that the amendments do not introduce any new matter. Based on the following remarks, Applicants respectfully request the Examiner to reconsider and withdraw all outstanding objections and rejections.

Claim Rejections Under 35 U.S.C. §102

In the Office Action, the Examiner rejects claims 1, 3-13, 15-16, and 18-20 under 35 U.S.C. 102(a) as being anticipated by WO 03/0423208.

In response, applicants respectfully traverse the Examiner's rejection. Nonetheless, applicants have amended claim 1 to indicate the claimed composition consists essentially of ingredients (a)-(f). This means that the claimed composition does not contains any essential ingredients beyond the ingredients listed in the claim. Accordingly, the composition of the present invention does not contain any oils, in particular water reducible oils.

WO 03/04328 discloses low tack water washable lithographic printing ink compositins. WO 03/04328 teaches the use of large quantities of water reducible oils (up to 55%) to achieve water washability (page 5, lines 10-39). The oils are intentionally modified to provide the property of water reducibility and are used in pigment flushes and solvent for rosin resin. The act of modifying the oils increases hydrophilicity which increases compatibility with water. The

water washability of the inks in this prior art rely on these materials in order to produce water sensitivity necessary for imparting washability. During washing, the oil compatibility allows the break up on the ink film so water can act as an efficient washing solvent.

In contrast, the present invention does not use any of these materials, but have imparted the water washability by a careful choice of composition in particular the rosin resin, neutralizing agent, and latex emulsion. In this way, the water sensitivity is proper for cleaning but not adverse for the printing process. The addition of the described modified oils to the composition of the present invention will negatively impact its ability to run in conventional two fluid lithography and thus will not meet the performance targets outlined in the examples. Thus, the modified oils should be considered as essential ingredients and as such are excluded from claim 1 as amended. Accordingly, WO 03/04328 does not anticipate the presently claimed invention and the Examiner is kindly requested to withdraw this rejection.

Claim Rejections Under 35 U.S.C. §103

In the Office Action, the Examiner rejects claim 17 under 35 U.S.C. 103(a) as being unpatentable over WO 03/042308 in view of U.S. Patent No. 6,200,372 to Krishnan et al. (“Krishnan”) or U.S. Patent No. 6,834,589 to Harris et al. (“Harris”).

In response, applicants respectfully traverse the Examiner’s rejection. As indicated above, the presently claimed composition does not contain any essential ingredients beyond the ingredients listed in the claim. Accordingly, the composition of the present invention does not contain any oils, in particular water reducible oils. As discussed above, WO 03/042308 does not teach a water-washable lithographic composition without the presence of water reducible oils.

US 6,444,022 also relies on the similar modified oils (see EXAMPLE 1) and thus does not teach the presently claimed composition without such modified oils. Similarly, U.S. Patent No. 6,834,589 does supplement the teachings of the other cited reference to prepare the presently claimed composition without modified oils. Accordingly, none of the cited references alone or in combination disclose or suggest the present invention as amended and the Examiner is kindly requested to withdraw this rejection.

The Examiner also rejects claims 1, 3-6, 8-10, 12-13, 15-16, and 18 under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,444,022 to Krishnan (“Krishnan”) in view of *Hawley’s Condensed Chemical Dictionary*. The Examiner further rejects claim 7 under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,444,022 to Krishnan et al. (“Krishnan”) in view of *Hawley’s Condensed Chemical Dictionary*. The Examiner also rejects claim 20 under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,444,022 to Krishnan et al. (“Krishnan”) in view of *Hawley’s Condensed Chemical Dictionary*. The Examiner further rejects claims 1, 3-13, and 15-20 under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,725,646 to Krishnan et al. (“Krishnan”) in view of U.S. Patent No. 6,313,066 to Takayama et al. (“Takayama”) and U.S. Patent No. 5,338,351 to Pennaz (“Pennaz”).

In response, applicants respectfully traverse the Examiner rejections. As indicated above, the presently claimed composition does not contain any essential ingredients beyond the ingredients listed in the claim. Accordingly, the composition of the present invention does not contain any oils, in particular water reducible oils. The primary references in these rejections are U.S. Patent No. 6,444,022 and U.S. Patent No. 5,725,646. As discussed above, these references

do not teach a water-washable lithographic composition without the presence of water reducible oils. In addition, none of the other cited references teach what the primary references are lacking. Accordingly, none of the cited references alone or in combination disclose or suggest the present invention as amended and the Examiner is kindly requested to withdraw these rejections.

Prompt and favorable consideration of this Amendment and Response is respectfully requested. The Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0540.

Respectfully submitted,

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